OIPE

RAW SEQUENCE LISTING   DATE: 03/20/2002
PATENT APPLICATION: US/09/910,518A TIME: 14:49:59

Input Set : **N:\Crf3\RULE60\09910518A.RAW**
Output Set: **N:\CRF3\03202002\I910518A.raw**

```
       1 <110> APPLICANT: Hammond, Philip W.
       2        Lipovsek, Dasa
       3 <120> TITLE OF INVENTION: METHODS FOR PRODUCING NUCLEIC ACIDS
       4        LACKING 3'-UNTRANSLATED REGIONS AND OPTIMIZING CELLULAR
       5        RNA-PROTEIN FUSION FORMATION
       6 <130> FILE REFERENCE: 50036/016002
       7 <140> CURRENT APPLICATION NUMBER: 09/910,518A
       8 <141> CURRENT FILING DATE: 2001-07-20
      10 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/374,962
W-->  11 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-08-16
      13 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/096,818
W-->  14 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
      15 <160> NUMBER OF SEQ ID NOS: 20
      16 <170> SOFTWARE: FastSEQ for Windows Version 3.0
      18 <210> SEQ ID NO: 1
      19 <211> LENGTH: 27
      20 <212> TYPE: DNA
      21 <213> ORGANISM: Artificial Sequence
      22 <220> FEATURE:
      23 <223> OTHER INFORMATION: Synthetic random primer
      24 <220> FEATURE:
      25 <221> NAME/KEY: variation
      26 <222> LOCATION: (1)...(27)
      27 <223> OTHER INFORMATION: n is a, c, t, or g.
      28 <400> SEQUENCE: 1
W-->  29      gcttgctgga gtgcgagtnn nnnncta                              27
      31 <210> SEQ ID NO: 2
      32 <211> LENGTH: 27
      33 <212> TYPE: DNA
      34 <213> ORGANISM: Artificial Sequence
      35 <220> FEATURE:
      36 <223> OTHER INFORMATION: Synthetic random primer
      37 <220> FEATURE:
      38 <221> NAME/KEY: variation
      39 <222> LOCATION: (1)...(27)
      40 <223> OTHER INFORMATION: n is a, c, t, or g.
      41 <400> SEQUENCE: 2
W-->  42      gcttgctgga gtgcgagtnn nnnntta                              27
      44 <210> SEQ ID NO: 3
      45 <211> LENGTH: 27
      46 <212> TYPE: DNA
      47 <213> ORGANISM: Artificial Sequence
      48 <220> FEATURE:
```

ENTERED

RAW SEQUENCE LISTING   DATE: 03/20/2002
PATENT APPLICATION: US/09/910,518A   TIME: 14:50:00

Input Set : N:\Crf3\RULE60\09910518A.RAW
Output Set: N:\CRF3\03202002\I910518A.raw

```
      49 <223> OTHER INFORMATION: Synthetic random primer
      50 <220> FEATURE:
      51 <221> NAME/KEY: variation
      52 <222> LOCATION: (1)...(27)
      53 <223> OTHER INFORMATION: n is a, c, t, or g.
      54 <400> SEQUENCE: 3
W--> 55        gcttgctgga gtgcgagtnn nnnntca                               27
      57 <210> SEQ ID NO: 4
      58 <211> LENGTH: 28
      59 <212> TYPE: DNA
      60 <213> ORGANISM: Artificial Sequence
      61 <220> FEATURE:
      62 <223> OTHER INFORMATION: Synthetic random primer
      63 <220> FEATURE:
      64 <221> NAME/KEY: variation
      65 <222> LOCATION: (1)...(28)
      66 <223> OTHER INFORMATION: n is a, c, t, or g.
      67 <220> FEATURE:
      68 <221> NAME/KEY: variation
      69 <222> LOCATION: (1)...(28)
      70 <223> OTHER INFORMATION: h is a or c or t/u;
      71 <400> SEQUENCE: 4
W--> 72        taatacgact cactataggg gggggghn                              28
      74 <210> SEQ ID NO: 5
      75 <211> LENGTH: 44
      76 <212> TYPE: DNA
      77 <213> ORGANISM: Homo sapiens
      78 <220> FEATURE:
      79 <221> NAME/KEY: variation
      80 <222> LOCATION: (1)...(44)
      81 <223> OTHER INFORMATION: n is a, c, t, or g.
      82 <400> SEQUENCE: 5
W--> 83        gccttatcgt catcgtcctt gtagtcgaaa ctagannnnn nnnn             44
      85 <210> SEQ ID NO: 6
      86 <211> LENGTH: 36
      87 <212> TYPE: DNA
      88 <213> ORGANISM: Homo sapiens
      89 <220> FEATURE:
      90 <221> NAME/KEY: variation
      91 <222> LOCATION: (1)...(36)
      92 <223> OTHER INFORMATION: n is a, c, t, or g.
      93 <400> SEQUENCE: 6
W--> 94        ggacaattac tatttacaat tacaatgnnn nnnnnn                      36
      96 <210> SEQ ID NO: 7
      97 <211> LENGTH: 39
      98 <212> TYPE: DNA
      99 <213> ORGANISM: Phage T7
     100 <400> SEQUENCE: 7
     101        taatacgact cactataggg acaattacta tttacaatt                 39
```

RAW SEQUENCE LISTING   DATE: 03/20/2002
PATENT APPLICATION: US/09/910,518A   TIME: 14:50:00

       Input Set : N:\Crf3\RULE60\09910518A.RAW
       Output Set: N:\CRF3\03202002\I910518A.raw

```
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 33
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 8
108      agaagatgcg cgatcgtcat cgtccttgta gtc                    33
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 36
112 <212> TYPE: DNA
113 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 9
115      gtgtatgggt tgtttatgac aatttatgaa atgacg                 36
117 <210> SEQ ID NO: 10
118 <211> LENGTH: 36
119 <212> TYPE: DNA
120 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 10
122      gcgtatgggt tgtttatgac aatttatgaa atacag                 36
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 36
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 11
129      aaagttgttc aagtttatcc agagtttggg cagaag                 36
131 <210> SEQ ID NO: 12
132 <211> LENGTH: 36
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 12
136      aaagttgttc aagtttatcc agagtttgag caggaa                 36
138 <210> SEQ ID NO: 13
139 <211> LENGTH: 36
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 13
143      ggtaacacac agaggaaaga tattgtcctg gatgta                 36
145 <210> SEQ ID NO: 14
146 <211> LENGTH: 36
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
149 <400> SEQUENCE: 14
150      ggtaacacac agaggaaaga tattgtccgg gatgga                 36
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 36
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 15
157      ttggtttttgg atgaagctag gtacctgcct ccagcc                36
159 <210> SEQ ID NO: 16
```

RAW SEQUENCE LISTING   DATE: 03/20/2002
PATENT APPLICATION: US/09/910,518A   TIME: 14:50:00

Input Set : **N:\Crf3\RULE60\09910518A.RAW**
Output Set: **N:\CRF3\03202002\I910518A.raw**

```
160 <211> LENGTH: 36
161 <212> TYPE: DNA
162 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 16
164      ttggttttgg atgaagctag gtacctgcct ccagcc                    36
166 <210> SEQ ID NO: 17
167 <211> LENGTH: 36
168 <212> TYPE: DNA
169 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 17
171      ggtggagaga cctacaccga tcctgattta cacacc                    36
173 <210> SEQ ID NO: 18
174 <211> LENGTH: 35
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 18
178      ggtggagaga cctacaccga tcctgatcta catca                     35
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 36
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
184 <400> SEQUENCE: 19
185      ggtctctatt ttaccccac aggcttccac ggacat                     36
187 <210> SEQ ID NO: 20
188 <211> LENGTH: 36
189 <212> TYPE: DNA
190 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 20
192      ggtctctatt ttaccctcac aggcttccac ggactt                    36
```

VERIFICATION SUMMARY   DATE: 03/20/2002
PATENT APPLICATION: US/09/910,518A   TIME: 14:50:01

Input Set : **N:\Crf3\RULE60\09910518A.RAW**
Output Set: **N:\CRF3\03202002\I910518A.raw**

```
L:11 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:29 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
```